



HAUPTMAN-WOODWARD
Medical Research Institute

2008-2009 Lecture Series

Structural Biology in the 21st Century-IV

Thursday, September 18, 2008

Ivan Rayment, Ph.D., University of Wisconsin-Madison

"The Structure and Function of Kar3/Vik1: When is a molecular motor not a motor."

Thursday, October 2, 2008

David Richardson, Ph.D., Duke University

"Checking on your Mol's Probioty: MolProbity Evaluation for Structure Refinement and Bioinformatics."

Thursday, November 13, 2008

Neil Kelleher, Ph.D., University of Illinois-UC

"The Biosynthesis of Polyketide and Peptide Natural Products Viewed Through the Lens of High Performance Mass Spectrometry."

Thursday, December 11, 2008

Walid A. Houry, Ph.D., University of Toronto

"The Multiple Cellular Roles of the Hsp90 Molecular Chaperone."

Thursday, January 29, 2009

Robert L. Jernigan, Ph.D., Iowa State University

"The mechanics of protein functional motions."

Thursday, February 19, 2009

George N. Phillips, Ph.D., University of Wisconsin-Madison

"Protein Crystallography at the Fringes: Limits of the usual Bragg and Debye-Waller approximations."

Thursday, March 19, 2009

James Holton, Ph.D., Advanced Light Source, Berkeley

"The threshold of "solvability" in protein crystallography."

Thursday, April 16, 2009

John A. Tainer, Ph.D., The Scripps Institute

"Small Angle X-ray Scattering (SAXS) combined with crystallography and computation: defining accurate macromolecular structures in solution."

Thursday, May 21, 2009

Ian A. Wilson, D.Phil., D.Sc., The Scripps Institute

"Influenza and HIV-1: receptor binding, neutralization and vaccine design."

Thursday, June 18, 2009

Rachel Klevit, Ph.D., University of Washington

"Diversity & specificity in protein ubiquitination: the BRCA1/BARD1 paradigm."

All Lectures Begin at 4:00 PM • Reception Following Each Lecture
Hauptman-Woodward Institute, 700 Ellicott Street, Buffalo, NY

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